



1745

ATTORNEY'S DOCKET NO: T00457.70003.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tao T. Tao et al.
Serial No: 09/837,864
Confirmation No.: 7511
Filed: April 18, 2001
For: ELECTROCHEMICAL DEVICE AND METHODS FOR ENERGY
CONVERSION

Examiner: Not Yet Assigned
Art Unit: 1745

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 16 day of May, 2003.

Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing are the following documents:

- [X] Information Disclosure Statement
- [X] PTO Form 1449 and references cited
- [X] Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

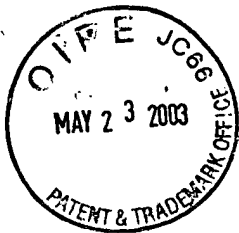
There is no fee payable in this matter. If a fee is required, it may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,
Tao T. Tao et al., Applicants

By:

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Dated: May 16, 2003
xndd



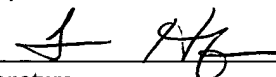
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**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Title</u>
09/819,886	March 28, 2001	Tao T. Tao	A Carbon-Oxygen Fuel Cell
10/300,687	November 20, 2002	Tao T. Tao	An Electrochemical System and Methods for Control Thereof

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

DE 367 151 generally relates to high temperature fuel cells.

PART IV: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

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Confirmation No.: 7511

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By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

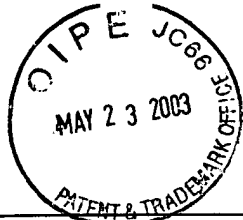
An early and favorable action is hereby requested.

Respectfully submitted,
Tao T. Tao et al., Applicants

By: 

Timothy J. Oyer, Ph.D., Reg. No. 36,628
Tani Chen, Sc.D., Reg No. 52,728
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Telephone (617) 720-3500

Mailed: May 16, 2003
Docket No.: T00457.70003.US



FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 09/837,864		ATTY. DOCKET NO.: T00457.70003.US	
				FILING DATE: April 18, 2001		CONFIRMATION NO.: 7511	
				APPLICANT: Tao T. Tao et al.			
				GROUP ART UNIT: 1745		EXAMINER: Unassigned	
Sheet	1	of	2				

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	1	460,122		Edison	09-29-1891
	2	3,138,490		Tragert et al.	06-23-1964
	3	3,432,352		White et al.	03-11-1969
	4	4,170,534		Fitterer	10-09-1979
	5	4,670,702		Yamada et al.	06-02-1987
	6	4,883,724		Yamamoto	11-28-1989
	7	5,045,170		Bullock et al.	09-03-1991
	8	5,298,340		Cocks et al.	03-29-1994
	9	5,316,870		Ohga	05-31-1994
	10	5,348,812		Cocks et al.	09-20-1994
	11	5,376,469		Gür et al.	12-27-1994
	12	5,523,177		Kosek et al.	06-04-1996
	13	5,558,947		Robison	09-24-1996
	14	5,567,540		Stone et al.	10-22-1996
	15	5,589,287		Hatoh et al.	12-31-1996
	16	5,589,289		Zhang et al.	12-31-1996
	17	5,591,537		Bagger et al.	01-07-1997
	18	5,595,832		Tomimatsu et al.	01-21-1997
	19	5,604,048		Nishihara et al.	02-18-1997
	20	5,637,414		Inoue et al.	06-10-1997
	21	5,750,278		Gillett et al.	05-12-1998
	22	5,766,786		Fleck et al.	06-16-1998
	23	5,985,474		Chen et al.	11-16-1999
	24	6,096,449		Fuglevand et al.	08-01-2000
	25	6,127,057		Gorman	10-03-2000
	26	6,242,120	B1	Herron	06-05-2001
	27	6,265,093	B1	Surampudi et al.	07-24-2001
	28	6,379,485	B1	Borglum	04-30-2002



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FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
	29	DE	367151		Dr. Ladislaus	01-18-1923	N
	30	EP	0 333 261 A2		Costa	09-20-1989	
	31	GB	940,900		General Electric Company	11-06-1963	
	32	GB	126,766		Baur et al.	06-12-1919	
	33	WO	95/09450		University of Leland Stanford Junior	04-06-1995	
	34	WO	03/001617	A2	CellTech Power Inc.	01-03-2003	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
	35	R.A. Alberty, Physical Chemistry, 6 th Edition, John Wiley & Sons publisher, 1983, pp. 228-229 (chapter 6.11)		
	36	Weaver et al., "Direct use of coal in a fuel cell: feasibility investigation", Chemical Abstracts, Abstract No. 180031, Vol. 85, No. 24, 1976		
	37	Gür & Huggins, "Direct Electrochemical Conversion of Carbon to Electrical Energy in a High Temperature Fuel Cell", Journal of the Electrochemical Society, Vol. 139, No. 10, pp. L95-L97, October 1992		
	38	Grant Abstract, "Novel Carbon Ion Fuel Cells," Project ID P/METC-DE-FG22-93PC93219, Duke University, Start date 09/23/93		
	39	Grant Abstract, "Novel Carbon Ion Fuel Cells," Project ID P/PETC-FG22-93PC93219, Duke University, Start date 09/23/93		

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/033,923 , filed 03/03/98 , and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).